

AMENDMENTS TO THE CLAIMS

1. **(Currently amended)** An isolated recombinant polynucleotide encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 2 or a polynucleotide with at least 90% 95% sequence identity ~~homology~~ thereto encoding a polypeptide comprising the amino acid sequence of VSIPPRNLGY (SEQ ID NO: 41),

~~wherein the polynucleotide has the following characteristics:~~

~~(a) the said polypeptide having it encodes has~~ at least 30% of the migration stimulation factor activity of a polypeptide having the amino acid sequence of SEQ ID NO:2, wherein migration stimulation factor activity refers to the ability to stimulate adult skin fibroblast migration into a collagen gel; ~~and~~

~~(b) the polypeptide it encodes elicits antibodies that recognize a polypeptide having the amino acid sequence of SEQ ID NO: 2, but do not recognize fibronectin.~~

2. **(Canceled)**

3. **(Canceled)**

4. **(Previously presented)** An isolated recombinant polynucleotide comprising the polynucleotide sequence of SEQ ID NO: 3.

5. **(Previously presented)** An isolated recombinant polynucleotide comprising the polynucleotide sequence set forth in SEQ ID NO: 3 at positions 57 through 1982.

6. **(Canceled)**

7. **(Previously presented)** An isolated replicable vector comprising a polynucleotide as defined in Claim 1.

8. **(Previously presented)** An isolated host cell comprising a recombinant polynucleotide as defined in Claim 1.

9. **(Currently amended)** A method of making a polypeptide encoded by the isolated recombinant polynucleotide of Claim 1, ~~having at least 30% of the migration stimulation factor activity of the polypeptide having the amino acid sequence of SEQ ID NO: 2~~ comprising transfecting a host cell with said ~~an~~ isolated recombinant polynucleotide ~~according to claim 1~~, culturing said host cell and isolating the said polypeptide ~~encoded by said polynucleotide~~, ~~wherein migration stimulation factor activity refers to the ability to stimulate adult skin fibroblast migration into a collagen gel.~~

10.-28. **(Canceled)**

29. **(Previously presented)** A molecule which is a peptide consisting of a sequence selected from the group consisting of SEQ ID NO: 5, SEQ ID NO: 6, SEQ ID NO: 7, SEQ ID NO: 8, and SEQ ID NO: 9.

30.-59. **(Canceled)**

60. **(Previously presented)** An isolated host cell comprising a replicable vector according to Claim 7.

61. **(Canceled)**